

DI  
Canceled

Serial No. 09/553,137

polyurethane elastomeric material comprises a physically cross-linked linear copolymer of an aromatic diisocyanate and a linear energetic polymer having a hydroxyl functionality of two or less.-

**IN THE CLAIMS:**

Please amend claim 20 as follows:

20. (Twice amended) An apparatus comprising an inflatable vehicle occupant protection device and a gas generating material that, when ignited produces gas to inflate the inflatable vehicle occupant protection device, the gas generating material comprising:

an inorganic oxidizer salt; and

72  
a thermoplastic elastomer, said thermoplastic elastomer consisting essentially of a polyurethane formed from aromatic diisocyanate, hydroxyl terminated glycidyl azide polymer with a hydroxyl functionality of two or less, and optionally 2,4-pentanediol, wherein the amount of aromatic diisocyanate, hydroxyl terminated glycidyl azide polymer, and 2,4-pentanediol used to form the polyurethane are controlled so that the ratio of isocyanate groups to hydroxyl groups used to form the polyurethane is about 1.

✓ Please cancel claim 21.

✓ Please cancel claim 23.

Please amend claim 24 as follows:

D3

24. (Amended) The apparatus of claim 20 wherein the hydroxyl terminated glycidyl azide polymer has a molecular weight from about 25,000 g/mole to about 35,000 g/mole and a hydroxyl functionality of 2.

Please amend claim 30 as follows:

D4

30. (Amended) The apparatus of claim 20 wherein said polyurethane is formed from an aromatic diisocyanate, hydroxyl terminated glycidyl azide polymer with a hydroxyl functionality of two or less, and a secondary diol.

✓ Please cancel claims 32 and 33.

Please amend claim 35 as follows:

Sub  
13

D5

35. (Twice amended) An apparatus comprising an inflatable vehicle occupant protection device and a gas generating material that, when ignited produces gas to inflate the inflatable vehicle occupant protection device, the gas generating material comprising:

about 65% to about 90%, by weight of the gas generating material, an inorganic oxidizer salt; and'

about 5% to about 35%, by weight of the gas generating material a thermoplastic elastomer, said thermoplastic elastomer being a polyurethane formed from 4,4'-methylene bis-phenylisocyanate, a hydroxyl terminated glycidyl azide polymer with a hydroxyl functionality of two or less, and optionally a secondary diol, wherein the amount of 4,4'-

D5  
amended

methylen bis-phenylisocyanate, hydroxyl terminated glycidyl azide polymer, and secondary diol used to form the polyurethane are controlled so that the ratio of isocyanate groups to hydroxyl groups used to form the polyurethane is about 1.

[Please amend claim 36 as follows:]

36. (Twice amended) The apparatus of claim 35 wherein the polyurethane is formed from formed from 4,4'-methylen bis-phenylisocyanate, a hydroxyl terminated glycidyl azide polymer with a hydroxyl functionality of two or less, and 2,4-pentanediol.